

**CITY COUNCIL REGULAR SESSION**

Resolution authorizing execution of a professional service agreement with Carollo, in the not to exceed amount of \$762,457, plus all applicable taxes, for Lake Washington Sewer Lake Line Management Plan (CIP Plan S-58 & S-71).

Nav Ota, Director, 452-2041

Linda De Boldt, Assistant Director of Engineering, 452-4625

*Utilities Department*

**EXECUTIVE SUMMARY**

This Resolution authorizes the execution of an agreement with Carollo for the Lake Washington Sewer Lake Line Management Plan.

**RECOMMENDATION**

Move to adopt Resolution No. 9715

**BACKGROUND/ANALYSIS**

The City's sewer lake lines are sewer pipes that follow the shorelines of Lake Washington and Lake Sammamish and are either underwater or are on land adjacent to the lakes. Bellevue's sewer system includes approximately 18.7 miles of "lake line" sewer pipe. Approximately 14.4 miles of the Lake Lines run along the Lake Washington shoreline, through the waterfront of Bellevue, Medina, Hunts Point, Yarrow Point, Beaux Arts Village and a small portion of unincorporated King County. The Lake Washington Lake Line System includes ten pump stations and eight flush stations. The majority of these sewer pipe lines were constructed in the 1950s-60s.

In 2016, a limited Condition Assessment was performed on the Lake Washington Lake Lines showing varying degrees of deterioration on the pipe and/or the pipe lining. A Lake Washington Lake Line Management Plan is needed to understand, identify, and prioritize key issues present in the system and phase future repair, replacement and continued condition assessment of the Lake Lines. This will, in turn, allow staff to develop short- and long-term financial strategies for funding the Lake Lines program for many decades to come, and will drive both operational strategies and capital improvement projects.

Work on the lake lines is expected to be technically challenging, environmentally sensitive, and relatively expensive compared to other sewer projects. It is anticipated that no single solution will work at all locations. This Lake Washington Lake Line Management Plan will provide implementable and adaptable alternatives to mitigate for possible future damage or loss of service.

**POLICY & FISCAL IMPACTS****Policy Impact**

Utilities Department policies: The Utility shall invest resources as necessary to construct, maintain and renew sewer system infrastructure and equipment such that Utility customers are provided consistent, reliable service.

Utilities Department practice: The City's practice is to conduct condition assessment to determine remaining life expectancies and maintenance recommendations, which include preliminary engineering planning studies to identify and evaluate replacement options.

Bellevue City Code section 4.28.030: The City's procurement policy supports open, fair, and transparent procurement of services in accordance with the City Code and state law. Because of the amount of this contract, Council approval is required. A competitive procurement process was followed; this included a Request for Qualifications, review of submittals, consultant interviews and selection of the most qualified consultant team.

### **Fiscal Impact**

This contract obligates the City to pay an amount up to \$762,457, plus all applicable taxes. This work is included in the 2019-2025 Utility CIP Plan. Sufficient budget exists within the Lake Washington Lake Lines Sewer Mains Replacement/Rehabilitation (CIP Plan No. S-58 and S-71), to fully fund this contract.

### **OPTIONS**

1. Adopt the Resolution authorizing execution of a professional service agreement with Carollo, in the not to exceed amount of \$762,457, plus all applicable taxes, for Lake Washington Sewer Lake Line Management Plan (CIP Plan S-58 & S-71).
2. Do not adopt the Resolution and provide alternative direction to staff.

### **ATTACHMENTS & AVAILABLE DOCUMENTS**

A. CIP Project Description  
Proposed Resolution No. 9715

### **AVAILABLE IN COUNCIL LIBRARY**

Professional Services Contract